

CLAIMS:

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1. A module comprising a substrate with a side, a semiconductor device, a shield of an electrically conducting material, and an antenna, said shield being present between the antenna and the semiconductor device, characterized in that the shield and the antenna are present substantially at the same side of the substrate as is the semiconductor device.

5 2. A module as claimed in claim 1, characterized in that the shield is connected to the antenna by a support means.

10 3. A module as claimed in claim 2, characterized in that the shield and the antenna are metal plates which each comprise a first, a second, and a third portion, said second portion adjoining the first and the third portion and being oriented substantially parallel to the substrate, while at least one of said first and third portions is connected with electrical conduction to electrical conductors at one of the sides of the substrate.

15 4. A module as claimed in claim 3, characterized in that the support means comprises a rubbery, electrically insulating material.

20 5. A module as claimed in claim 3, characterized in that the support means is a strip having a first end and a second end, which strip is undetachably connected at its first end to the metal plate of the antenna and is fastened at its second end to the shield.

25 6. A module as claimed in claim 3, characterized in that the third portion of the antenna is provided with teeth which are connected to the electrical conductors at one of the sides of the substrate.

7. A module as claimed in claim 2, characterized in that the support means is the carrier of the antenna and comprises an electrically insulating material, the shield is a metal plate which comprises a first, a second, and a third portion, said second portion adjoining the first and the third portion and being oriented substantially parallel to the substrate, while at

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least one of said first and third portions are connected with electrical conduction to electrical conductors at one of the sides of the substrate. and the support means is fastened on the shield.

8. A module as claimed in claim 2, characterized in that the support means is the carrier of the antenna and of the shield.

9. A module as claimed in claim 8, characterized in that the support means comprises a first, a second, and a third portion, said second portion adjoining the first and the third portion and being oriented so as to be substantially parallel to the substrate, while said first and third portions extend up to the substrate.

10. An electronic device provided with a module as claimed in any one of the preceding claims.

11. An electronic device as claimed in claim 10, characterized in that a carrier is present on which the module and at least one component are fastened, which component emits radiation during operation of the device, the module and the component each having a height with respect to the carrier such that the height of the module is greater than the height of the component.